



Doom Zeppelin

by Arya Akhavan (May 2013)

Angles for R.I. = 1.620

77 + 12 girdles = 89 facets

2-fold, mirror-image symmetry

96 index

$L/W = 1.348$ $T/W = 0.623$ $U/W = 0.602$

$P/W = 0.491$ $C/W = 0.269$

$Vol./W^3 = 0.449$

PAVILION

P1	43.41°	02-46-50-94	Cut to centerpoint.
P2	43.07°	03-45-51-93	Meet at culet.
G1	90.00°	96-48	Set stone width.
G2	90.00°	05-43-53-91	Meet P1, P2, G1
P3	44.56°	05-43-53-91	Level girdle.
P4	44.36°	14-34-62-82	Meet P2, P3
P5	43.61°	16-32-64-80	Meet P2, P3, P4
G3	90.00°	14-34-62-82	Level girdle.
G4	90.00°	24-72	Meet P4, P5, G3
P6	60.49°	96-48	Level girdle.
P7	65.44°	24-72	Level girdle.

CROWN

C1	66.92°	96-48	Set girdle width.
C2	66.50°	05-43-53-91	Level girdle.
C3	48.12°	14-34-62-82	Level girdle.
C4	47.71°	24-72	Level girdle.
C5	64.23°	01-47-49-95	Meet G1, G2, C1, C2
C6	48.73°	11-37-59-85	Meet G2, G3, C2, C3
C7	38.45°	18-30-66-78	Meet G3, G4, C3, C4
C8	39.84°	21-27-69-75	Meet G3, G4, C3, C4, C7
C9	31.08°	10-22-26-38-58-70-74-86	Meet C3, C6, C7 (10); C4, C8 (22)
C10	32.28°	08-40-56-88	Meet C2, C6, C9
C11	31.42°	03-45-51-93	Meet C1, C5; C2, C5, C10
C12	21.34°	13-19-29-35-61-67-77-83	Meet C7, C9; C9, C10, C11
T	0.00°	Table	Meet C9, C12; C9, C10, C11, C12

This is one hell of a unique design. From the zeppelin outline in the crown, to its absurdly high H/W ratio that gives the finished stone the feel of a zeppelin in the hand, it's definitely unique. Also a bitch to cut, hence doom to the unfortunate cutter. Works in materials from quartz to CZ (RI = 1.54 - 2.16), but best in tourmaline crystals. Suggested length = 12-20 mm

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